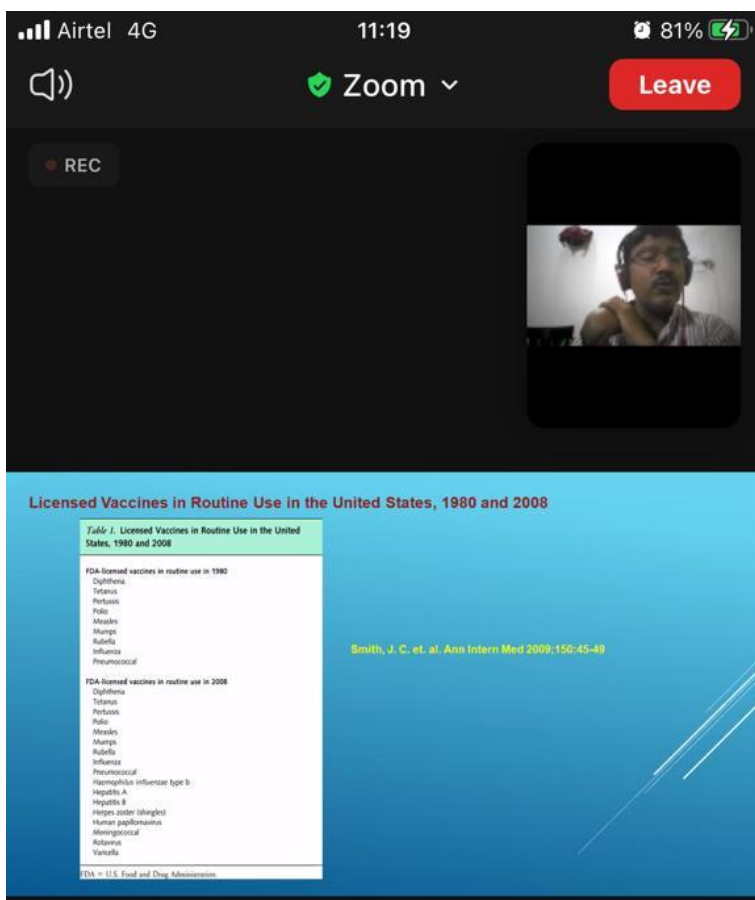


Science Behind Wonders: Webinar for grades 9, 10 and 12

Sanskriti School, in association with The Science Popularization Team of Jawaharlal Nehru University, organised a Webinar for the students of grades 9, 10 and 12 to promote science awareness among school-going students. The guest speakers, Dr. Arun Kharat and Dr. Shivraj Nile spoke to the students about the science behind the development of the vaccine, how exactly it works on our body and the myths surrounding it. Using simple language, the professors helped the students understand the possible reasons for the present situation in the country and how the vaccination drive can go a long way in slowing down the speed and intensity of the infection. The session was concluded with a question-and-answer session where the students clarified their queries regarding the vaccine and its effectiveness.



The screenshot shows a Zoom meeting interface. At the top, the status bar indicates 'Airtel 4G', '11:19', and '81%' battery. The Zoom logo and a 'Leave' button are visible. A 'REC' indicator is present. A video feed shows a man speaking. Below the video, a slide is displayed with the following content:

Licensed Vaccines in Routine Use in the United States, 1980 and 2008

Table 1. Licensed Vaccines in Routine Use in the United States, 1980 and 2008

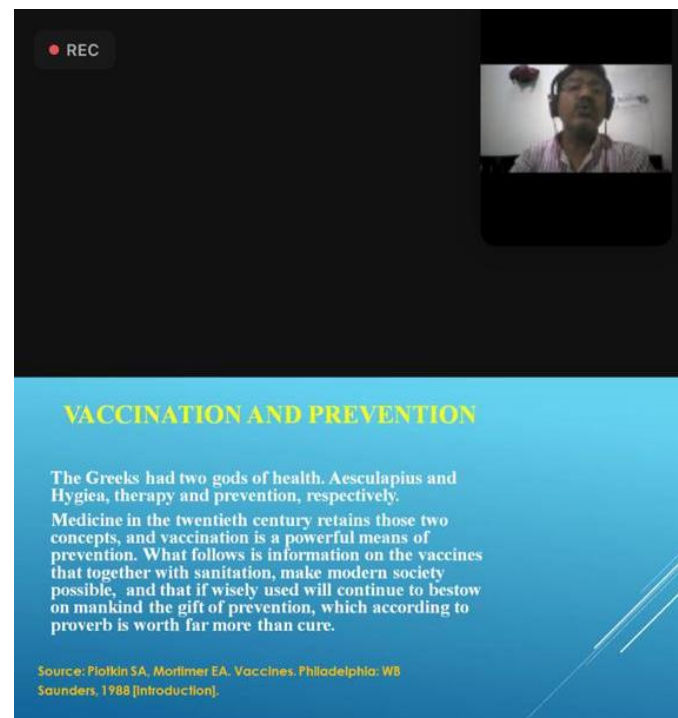
FDA-licensed vaccines in routine use in 1980
Diphtheria
Tetanus
Pertussis
Polio
Mumps
Measles
Rubella
Influenza
Pneumococcal

FDA-licensed vaccines in routine use in 2008

Diphtheria
Tetanus
Pertussis
Polio
Mumps
Measles
Rubella
Influenza
Pneumococcal
Adenovirus influenzae type b
Hepatitis A
Hepatitis B
Herpes zoster (shingles)
Human papillomavirus
Meningococcal
Rotavirus
Varicella

Source: Smith, J. C. et. al. *Ann Intern Med* 2009;150:45-49

TDA is U.S. Food and Drug Administration



The screenshot shows a Zoom meeting interface. At the top, the status bar indicates 'REC'. A video feed shows a man speaking. Below the video, a slide is displayed with the following content:

VACCINATION AND PREVENTION

The Greeks had two gods of health, Aesculapius and Hygiea, therapy and prevention, respectively.

Medicine in the twentieth century retains those two concepts, and vaccination is a powerful means of prevention. What follows is information on the vaccines that together with sanitation, make modern society possible, and that if wisely used will continue to bestow on mankind the gift of prevention, which according to proverb is worth far more than cure.

Source: Plotkin SA, Mortimer EA. *Vaccines*. Philadelphia: WB Saunders, 1988 [Introduction].

